

5 While this invention has been described with reference to illustrative embodiments, this description is not intended to be construed in a limiting sense. Various modifications and combinations of the illustrative embodiments as well as other embodiments of the invention will be apparent to a person of average skill in the art upon reference to this description. It is therefore contemplated that the appended claim(s) cover any such modifications, embodiments as fall within the true scope of this invention.

10 **The Inventor claims**

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1. A keypad mouse emulation system for use with an electronic digital computer having a mouse port on a shop floor comprising:
 - a) a keypad connected to the mouse port of the computer;
 - b) means for emulating arrow keys on said keypad; and
 - c) means for emulating left right mouse buttons.
2. The keypad mouse emulation system of claim 1 wherein said means for emulating said arrow keys in said keypad consist of four back lit keys and said means for emulating said left right mouse buttons consist of two backlit keys.
- 20 3. The keypad mouse emulation system of claim 1 wherein all said back lit keys are integrated into and covered with waterproof translucent molded silicone rubber.
- 25 4. The keypad mouse emulation system of claim 1 wherein said means for said arrow keys and said means for said left right mouse buttons emulate a pointing device.

5. The keypad mouse emulation system of claim 1 wherein said pointing device is a mouse.

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6. The keypad mouse emulation system of claim 1 wherein said arrow keys are left, right, up and down.

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7. A mouse emulation keypad system for use with an electronic digital computer on a shop floor comprising a keypad connected to the mouse port of the computer and wherein said keypad comprises four back lit arrow keys bearing the legend left, right, up and down symbolically and two back lit keys programmed to emulate left and right buttons of a pointing device and bearing the legend of left right mouse buttons symbolically of said pointing device and wherein all said back lit keys are integrated into and covered with waterproof translucent molded silicone rubber.

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8. A process of emulating a pointing device through a keypad for pointing device data entry into a computer comprising the steps of:

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a) assembling a keypad device consisting of four back lit arrow keys bearing the legend left, right, up and down symbolically and two back lit keys programmed to emulate left and right buttons of a pointing device and bearing the legend of left right mouse buttons symbolically of said pointing device; and

b) emulating a pointing device through said keypad.

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9. The process of emulating a pointing device through a keypad of claim 8 wherein said keypad is integratively covered with a silicone rubber waterproof cover.

10. The process of emulating a pointing device through a keypad of claim 8 wherein said emulation is in part accomplished through software programmed into said keypad comprising programmed microprocessor wherein said program comprises a power on reset, a subroutine program to control back lit lighting, a subroutine program to control cursor rate, a subroutine program to emulate left right mouse functions; and a plurality of decision blocks to check status of arrow keys.

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